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Approved For Release 2002/06/18 : CIA-RDP68B00724R000200090007-4

IDEA 0486-69

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17 June 1969

MEMORANDUM FOR: See Distribution

SUBJECT: Resume and Critique of Mission C119C

1. The critique for mission C119C flown on 28 May 1969 was held in the OSA Control Center at 1330 EDT, 11 June 1969. In addition to General Ross and [redacted]

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[redacted] representatives from the Deputy for Operations, IDEALIST Division, Intelligence Division, Deputy for Materiel, Security Staff, Communications Division, Avionics Division, Weather Division, Deputy for Research and Development, Office of ELINT, Office of Scientific Intelligence and HAIR/OEL were present. Following personnel critiqued on applicable portions of the mission:

[redacted] - Mission preparation and execution.

[redacted] - Forecast and actual weather.

[redacted] - Materiel

[redacted] - Avionics
Sensors

[redacted] communications equipment and

[redacted] target coverage and fighter activity.

[redacted] - Analysis of signals recorded on the System 17B.

2. Mission C119C (Canned Route 1108) was alerted on 26 May 1969. Take off from [redacted]

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GROUP 1
Excluded from automatic
downgrading and
declassification

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28 May 1969. Landing time at [] on the same date. Total mission time was 4+25 hours. This mission was planned to collect electronic and photo intelligence from a point over the sea northeast of Shanghai along the coast of China to a point south of Lungchi Airfield. The route was flown as briefed. Collection systems on board were the "H" Configuration, T-35 Tracker and System 17B. Pilot for this mission [] This was his first operational sortie and he flew an extremely fine sortie. U-2R 057 was flown.

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Preplanned Mission Data:

Distance	1667 NM
Time to Landing	4+20 Hours
Mission Profile	Maximum Altitude
Take-off Fuel	1088 Gallons
Fuel Reserve at Hi Cone	185 Gallons

3. Weather: The forecast was for Category II with light haze along the first 75% of the photo route. The remaining flight lines were forecast to be Category III with increased haze. The pilot reported, for the photo portion of the route, the weather as being clear except for a small segment of Category III weather midway along the coast and Category V on one of the last four flight lines. He reported no haze.

4. Maintenance: The only write up was for the Tracker overheat light. This has been corrected by replacing the heater motor. Because of the numerous Oscar Sierra low indications, [] suspects possible cable problems and/or RFI from the heater blower motor. In addition, the Oscar Sierra unit used on this mission is being thoroughly tested and evaluated for any internal problems. The possibility of RFI transient problems in 057 are being investigated. Avionics is exploring all possibilities in an effort to solve this problem.

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5. Communications: All communications and [] operated satisfactorily.

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6. Intelligence:

a. Target Coverage: Photo interpretability ranges from poor to good. Overall interpretability is fair, with 25% cloud cover. Target coverage consisted of 29 programmed COMIREX targets, 47 bonus COMIREX targets and 15 non-COMIREX targets, for a total of 91 targets. Good coverage was obtained of the SAWRF at Shanghai.

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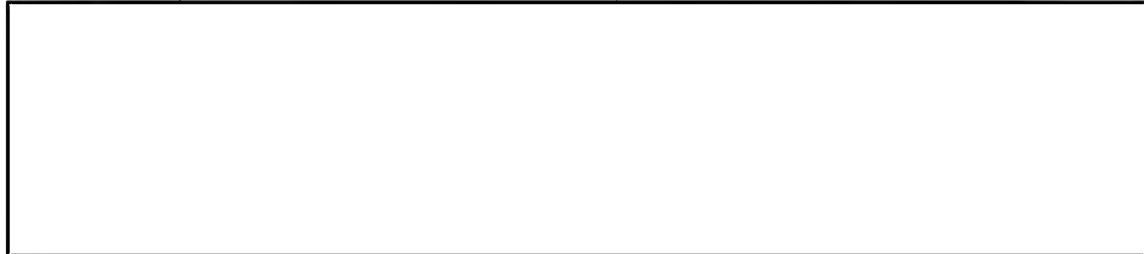
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7. Actions Required: Avionics is taking follow up action and pursuing every probable cause to determine the reason for the repeated Oscar Sierra indications and will take such necessary corrective action as may be dictated. Additional flight testing with the same configuration as used on C119C, will be conducted against [redacted] ities to determine if the suspected problems can be duplicated there. These problems did not show up on the original tests against the Area prior to delivery of the U-2Rs to [redacted]

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Chief, IDEALIST Division, OSA

Attachments - 2
Route Overlay
Target Coverage

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C/IDEA/OSA [redacted]:aea (17 Jun 69)

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